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(54) WELDING MEMBER, PIPING, PIPING SYSTEM,
WELDING METHOD AND CLEAN ROOM

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a welded member and piping excellent in corrosion resistance, to obtain a piping system having an extremely long service life and hardly requiring exchange and to obtain a clean room high in cleanliness and free from maintenance.

SOLUTION: As for the welded member and piping, the uppermost surface of the welding part at which ferritic stainless steels are welded with each other is composed of the surface of chromium oxide contg. no iron oxide. As the ferritic stainless steels, the ones contg. 25wt.% chromium are preferably used. The ferritic stainless steels are welded with each other, thereafter, a gas having

oxidizability is flowed to the welding part, and the welding part is irradiated with an arc to a degree by which the welding part is not melted. Thus, the welding method capable of producing the welded member excellent in corrosion resistance is obtd.

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